

PTO/SB/08A (08-00)

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	09/890,910	
			Filing Date	August 2, 2001	
			First Named Inventor	Takeshi Natsuno	
			Group Art Unit	2876	
			Examiner Name	Edwyn Labaze	
Sheet	1	of	2	Attorney Docket Number	9683/91

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
EL	1	4,857,716		Gombrich et al.	08/1989	
EL	2	5,497,411		Pellerin	03/05/1996	
EL	3	5,541,985		Ishii et al.	07/1996	
EL	4	5,583,918		Nakagawa	12/10/1996	
EL	5	5,809,432		Yamashita	9/1998	
EL	6	5,580,440		Hannon et al.	12/1998	
EL	7	5,943,624		Fox et al.	08/24/1999	
EL	8	6,012,634		Brogan et al.	01/11/2000	
EL	9	6,029,887		Furuhashi et al.	02/29/2000	
EL	10	6,029,892		Miyake	02/2000	
EL	11	6,035,216		Cheng et al.	03/2000	
EL	12	6,070,148		Mori et al.	05/2000	
EL	13	6,142,369		Jonstomer	11/2000	
EL	14	6,164,989		Glad et al.	12/2000	
EL	15	6,170,745		Schilling	01/2001	
EL	16	6,250,557		Forslund et al.	06/2001	
EL	17	6,259,409		Fulton et al.	7/2001	
EL	18	6,321,980		Yazumi et al.	11/2001	
EL	19	6,394,341		Makipaa et al.	05/2002	
EL	20	6,425,522		Matsumoto et al.	07/2002	
EL	21	6,454,164		Wakabayashi et al	9/2002	

**FOREIGN PATENT DOCUMENTS**

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EL	22	WO	99/09502			02/25/1999		
EL	23	WO	96/02890			02/01/1996		
EL	24	EP	0 095 968			10/20/1999		
EL	25	EP	0820 178			01/21/1998		
EL	26	JP	H11-18158			01/22/1999		
EL	27	JP	3051748			06/17/1998		

EXAMINER SIGNATURE	<i>Edwyn Labaze</i>	DATE CONSIDERED	<i>8/21/04</i>
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	2	of	2
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**Complete if Known**

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First Named Inventor	Takeshi Natsuno
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Examiner Name	Edwyn Labaze
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EL	28	JP	10-143570		Miyake	05/29/1998		
EL	29	EP	0843290A2		Miyake	05/20/1998		
EL	30	JP	10-232897		Masuda et al.	02/18/1997		X
EL	31	JP	H9-261359			10/03/1997		
EL	32	JP	H8-279025			10/22/1996		
EL	33	JP	H8-153248			06/11/1996		
EL	34	JP	H8-16740			01/19/1996		
EL	35	JP	H6-121075			04/28/1994		

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTES), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
EL	36	Nikkei Digital Money Systems, No. 54, Nikkei Business Publications, Inc., November 15, 1999, p. 5 and its partial translation	X

EXAMINER  
SIGNATURE

Edwyn Labaze

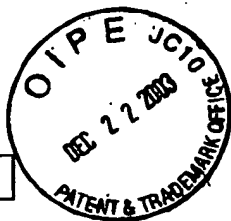
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		Filing Date	August 2, 2001
		First Named Inventor	Takeshi Natsuno
		Group Art Unit	9817 2876
		Examiner Name	Edwyn Labaze
		Attorney Docket Number	9683/91

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
EL	1	JP	10-232897		Hidehiro Masuda et al.	02-18-1997		X
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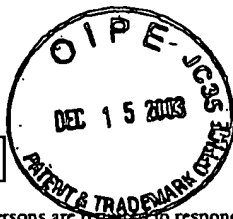
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTES), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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				<b>First Named Inventor</b>	<b>Takeshi Natsuno</b>
				<b>Group Art Unit</b>	<b>9817</b>
<b>Examiner Name</b>	<b>Edwyn Labaze</b>				
<b>Sheet</b>	<b>1</b>	<b>of</b>	<b>1</b>	<b>Attorney Docket Number</b>	<b>9683/91</b>

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		Office <sup>3</sup>	Number <sup>4</sup> (if known)	Kind Code <sup>5</sup>				
EZ	1	JP	10-143570		Miyake	05-29-1998		
EZ	2	EP	0843290A2		Miyake	05-20-1998		
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	3	Nikkei Digital Money Systems, No. 54, Nikkei Business Publications, Inc., November 15, 1999, p. 5 and its partial translation	X
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